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## Slot Cover of a Shifting Device

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### Patent Claims:

1. Slot cover of a shifting device of a motor vehicle transmission with a selector lever and a kinematics for transmitting the selection movements to the automatic transmission, with a movable louver, which covers at least one movement gate (shift gate, selection gate), and with a guide for the louver, wherein the louver has at least one opening for the passage of the selector lever,  
**characterized in that** the said louver (2) is an endless band, which forms a closed loop.
2. Slot cover in accordance with claim 1,  
**characterized in that** the guide of the louver has at least one said deflecting element (3.1, 3.2, 4.1-4.4, 5.1, 5.2, 5.3).
3. Slot cover in accordance with one of the above claims,  
**characterized in that** at least one said deflecting element (5.1, 5.2, 5.3) has a curved deflecting surface.
4. Slot cover in accordance with one of the above claims,  
**characterized in that** at least one said deflecting element (3.1, 3.2, 4.1-4.4) is a deflecting axis or deflecting shaft.
5. Slot cover in accordance with claim 4,  
**characterized in that** the deflecting axis or deflecting shaft, of which there is at least one, is designed as a said continuous rotating deflecting roller (3.1, 3.2), which has said gears (3.3-3.6) at its edge.
6. Slot cover in accordance with one of the above claims 4 or 5,  
**characterized in that** at least one deflecting axis or deflecting shaft comprises two said coaxially

mounted deflecting rollers (4.1, 4.2 and 4.3, 4.4), which are separated from one another and have elevated edge beads.

7. Slot cover in accordance with one of the above claims 2-6,  
**characterized in that** at least one of the said deflecting elements (3.1, 3.2) and preferably two deflecting elements is/are arranged within the said louver loop (2).

8. Slot cover in accordance with one of the above claims 2-7,  
**characterized in that** at least one of the said deflecting elements (4.1-4.4) and preferably two deflecting elements is/are arranged outside the louver loop.

9. Slot cover in accordance with one of the above claims 2-7,  
**characterized in that** at least one said deflecting element (3.1, 3.2, 4.1-4.4, 5.1, 5.2, 5.3) is mounted elastically.

10. Slot cover in accordance with one of the above claims,  
**characterized in that** the said louver (2) is designed as an elastic louver at least over part of its length, at least in the circumferential direction.

11. Slot cover in accordance with one of the above claims,  
**characterized in that** the louver has a multipart design.

12. Slot cover in accordance with one of the above claims,  
**characterized in that** slide rails, which are preferably arranged laterally and which are engaged by the louver, are provided for guiding the said louver (2).

13. Slot cover in accordance with one of the above claims,  
**characterized in that** the louver has two openings, through which the selector lever passes.

14. Slot cover in accordance with one of the above claims,  
**characterized in that** a said cover plate (6) with at least one said shift gate (7) is additionally provided

for the selector lever.

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15. Slot cover in accordance with one of the above claims,  
**characterized in that** signal transmitters, whose signals are detected by signal receivers arranged at spaced locations from them, are arranged on the deflecting elements for detecting the shift positions of the selector lever.
16. Slot cover in accordance with claim 15,  
**characterized in that** the shift positions are detected by means of Hall sensors and permanent magnets associated with them, wherein a pair of measured values is correspondingly assigned to each shift position.
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17. Slot cover in accordance with one of the above claims or the preamble of claim 1,  
**characterized in that** the said louver (2) including its said guide (3.1-5) is designed as a louver that can be displaced in relation to the cover plate at right angles to the direction of movement of the louver.

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Figure 1  
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Figure 7

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